

Abstract

A hydraulic dashpot for motor vehicles, with a cylinder and a primary piston. The cylinder (1) is charged with shock-absorption fluid. The primary piston (2) is mounted on the lower end of a piston rod (8) and partitions the cylinder into two chambers (3 & 4). The piston rod travels axially into and out of the cylinder. The primary piston is provided with breaches, with shock absorption valves (5) that can vary the cross-section of the breaches, and with a bypass system comprising at least two mutually dependently controlled bypasses between the two compartments.

The object of the present invention is to improve a hydraulic dashpot of the aforesaid genus to the extent that the at least two bypass channels, although they can be opened and closed mutually dependently, need not be opened and closed sequentially.

The bypass system can accordingly be closed and opened to various extents by controls in the form of a slide (14), the slide is provided with a flow-control breach (16 or 19), and the slide travels back and forth across the two or more bypasses, which extend adjacent through it, a separate breach being provided for each bypass.